

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing Of Claims:**

1.-5 (Canceled)

6. (New) A method for digital data transmission from a sensor to a control unit, comprising:  
dividing sensor values of the sensor for data transmission at different resolutions, the  
sensor values forming a first range of values including successive sensor values; and  
dividing the first range of values as a function of a variable relevant for the control unit.
7. (New) The method as recited in Claim 6, wherein:  
the variable is a second range of sensor values for threshold values of a triggering  
algorithm for a restraining device, and  
the sensor values in the second range of values are transmitted from the sensor  
to the control unit at a higher resolution.
8. (New) The method as recited in Claim 7, wherein the second range of values is selected  
from a lower half of the first range of values.
9. (New) The method as recited in Claim 6, wherein the method is executed by a transmitter  
module in the sensor.
10. (New) The method as recited in Claim 6, wherein the method is executed by a receiver  
module in a control unit.